**Supporting Information**

**Synergistic Chemo-Photothermal Therapy and Osteogenic Activity Using Graphene Oxide-Functionalized Composite Whitlockite Bone Particles**

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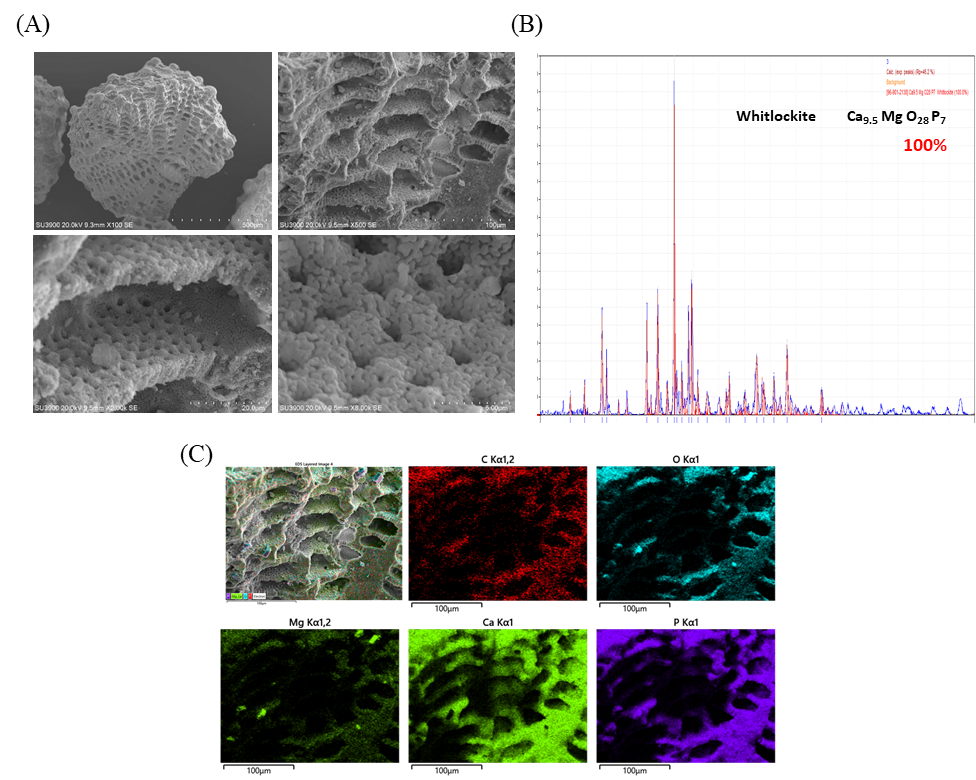
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**Figure S1.** Figure S1: SEM, XRD, and EDS mapping of WH granules.

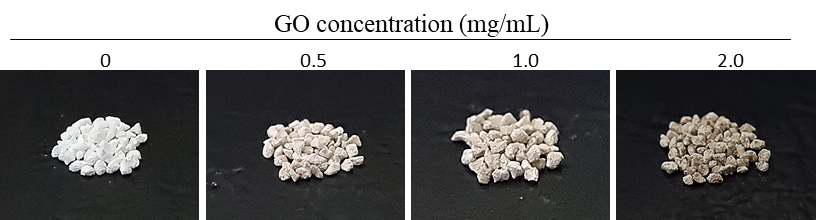


Figure S2: digital images for microparticles after coating with different concentration of GO.

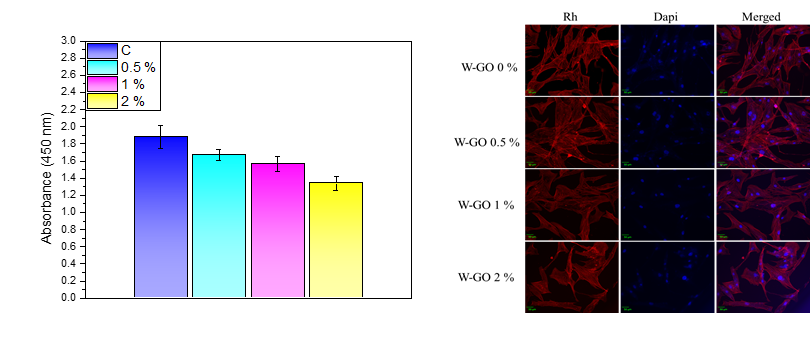


Figure S3: In vitro biocompatibility study of WG microparticles on MC3T3E1using CCK-8 assay, and Confocal Laser Scanning imaging using phalloidin rhodamine to visualize the cytoskeleton (F-actin) and DAPI to counterstain the nucleus.



Figure S4: Figure showing the zeta potential of WG before and after DOX loading.

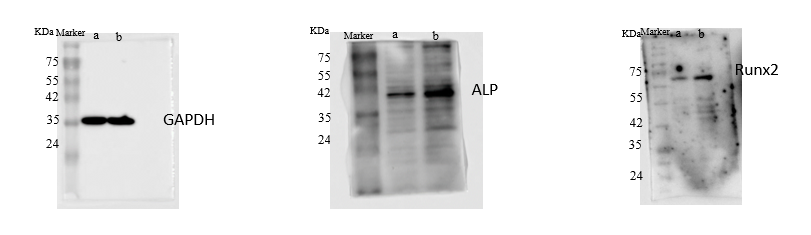


Figure S5: Western blot analysis and relative protein intensity for RUNX2, ALP to the GAPDH protein after 7 days.

Table S.1 showing ICP-OES analysis of WH granule

